

Sulfite Oxidase Human Recombinant

Item Number	rAP-1442
Synonyms	Sulfite Oxidase, EC 1.8.3.1, Sulfite oxidase, mitochondrial.
Description	SUOX Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 489 amino acids (80-545 a.a) and having a molecular mass of 53.9kDa.
Uniprot Accession Number	P51687
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSESTHIYT KEEVSSHTSP ETGIWVTLGS EVFDVTEFVD LHPGG-PSKLM LAAGGPLEPF WALYAVHNQS HVRELLAQYK IGELNPEDKV APTVETSDPY ADDPVRHPAL KVNS-QRPFNA EPPPELLTEN YITPNPIFFT RNHLPVPNLD PDTYRLHVVG APGGQSLSL S LDDLHNFPRY EITVTLQCAG NRRSEMTQVK EVKGLEWRTG AISTARWAGA RLCDVLAQAG HQLCETEAHV CFEGLDSDPT GTAYGAS IPL ARAMDPEAEV LLAYEMNGQP LPRDHGFVPR VVPGVVGAR HVKWLGRVSV QPEESYSHWQ
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	SUOX protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 30% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**